

ABSTRACT OF THE DISCLOSURE

The invention concerns a method for transmitting in an area (100) information items in the form of sound waves representing a signal $X(t)$, through a loudspeaker enclosure (2), said method comprising a step of setting up a public address system which consists in applying to the input of the loudspeaker enclosure (2) an electric signal $P(t) = W(t) * X(t)$ wherein $*$ is the convolution product and $W(t) = S(-t) * I(t)$, wherein $S(-t)$ is the temporal return of the pulse response $S(t)$ between the enclosure and the target zone (101) belonging to the area to be fitted with a P.A. system (100) t representing time, and $I(t)$ is the temporal response of the product $e^{-2\pi f t_0} \cdot S_c(f)$, wherein f represents the frequency, t_0 is a constant $S_c(f) = 1/(S_1(f))^\alpha$, α being a non-null positive number and $S_1(f)$ being a real function obtained by peak clipping of the modulo $|S(f)|$ of the frequency response $S(f)$ of $S(t)$.